



# RESEARCH, DEVELOPMENT and TECHNOLOGY TRANSFER QUARTERLY PROGRESS REPORT (QPR)

Wisconsin Department of Transportation (WisDOT)  
DT1241 5/2014

## INSTRUCTIONS:

Research principal investigators and/or project managers should complete a quarterly progress report (QPR) for each calendar quarter during which the projects are active.

<b>WisDOT Research Program Category</b> <input type="checkbox"/> Policy Research <input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Other: _____		<b>Report Period</b> (enter year and check which quarter) Year: <u>2014</u> <input type="checkbox"/> Quarter 1 (Jan 1 – Mar 31) <input checked="" type="checkbox"/> Quarter 3 (Jul 1 – Sep 30) <input type="checkbox"/> Quarter 2 (Apr 1 – Jun 30) <input type="checkbox"/> Quarter 4 (Oct 1 – Dec 31)	
<b>Project Title</b> Evaluation of Thin Polymer Deck Overlays and Deck Sealers		<b>WisDOT Project ID</b> 0092-12-06	
<b>Principal Investigator Name</b> Habib Tabatabai	<b>Project Oversight Committee Chair Name</b> Dave Bohnsack	<b>Project Start Date (m/d/yyyy)</b> 8/23/2011	
<b>(Area Code) Telephone Number</b> 414-229-5166	<b>(Area Code) Telephone Number</b> (608) 785-9781	<b>Original End Date (m/d/yyyy)</b> 8/22/2014	
<b>Email Address</b> ht@uwm.edu	<b>Email Address</b> David.Bohnsack@dot.wi.gov	<b>Current End Date (m/d/yyyy)</b> 2/28/2015	

## Project Schedule Status (check one)

☐ On Schedule ☐ On Revised Schedule ☐ Ahead of Schedule ☒ Behind Schedule

## Project Budget Status

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$166,992.00	\$16,840.00	\$156,890.00	93%	81%

## Project Description

This project explores the waterproofing capabilities, durability, and additional benefits of utilizing thin polymer overlays on bridge decks in Wisconsin. In this research we will compare performance of thin polymer overlays with each other and with new and emerging technologies to determine the optimal bridge deck maintenance strategy to be employed by WisDOT.

## Progress This Quarter (includes meetings, work plan status, contract status, significant progress, etc.)

Specimen exposure tests continued. We had occasional test equipment malfunctions but have been able to fix them. As expected, we are beginning to see deterioration of some specimens due to exposure. The rotting due to the wheel test is noticeable on many specimens. We have halfway through the second cycle of exposures.

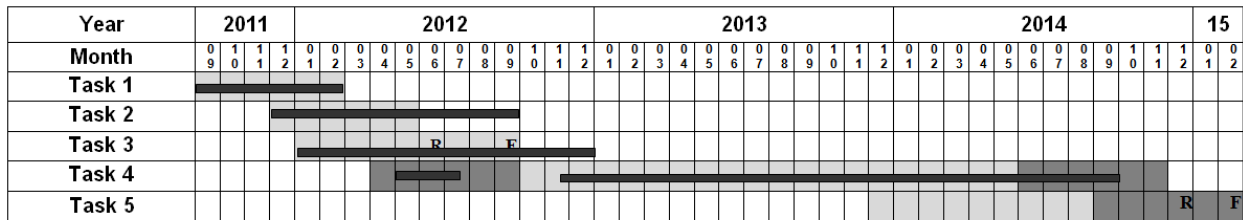
## Anticipated Work Next Quarter

We are working to complete the exposure tests and issue a draft report in case we do not have further unexpected equipment problems.

## Circumstances Affecting Project or Budget

Equipment malfunctions have affected progress, but we have been able to fix them and continue.

# Attach / Insert Gantt Chart and Other Project Documentation



Original Plan  
 Revised – Panel meeting of 2/29/2012  
 Work Performed

R Submittal of draft report  
 F Submittal of final report

(\*enter text)

For WisDOT Use Only	
Staff Receiving QPR J. Walejko	Date Received (m/d/yyyy) 10/11/2014
Staff Approving QPR David Bohnsack	Date Approved (m/d/yyyy) 10/15/2014